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BRITISH COLUMBIA'S COMPUTER INFORMATION SOURCE

Vol 1, No. 5 June 1988

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The COMPUTER PAPER

BRITISH COLUMBIA'S COMPUTER INFORMATION SOURCE

Vol 1, No. 5 June 1988

MASTHEAD

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FROM THE EDITOR

December was our December issue. The big stories in the editorial section are about what will happen to the new Office II, SQA, and network media technologies. On a more local level, we talk about the Canadian Bill of Protection and three different software companies' submissions. An interesting producer from the increasing ranks of developer Shirley Chisholm. Check out our website for more.

Hypertext development has been around since 1968 (just imagine that!) and is still in the "beta" stage. We've mentioned it before. It's a new technology that's still in its developmental stage. The one product we have advanced on the hypertext scene is the Hypercard from Apple Computer. If you're interested in hypertext, please let us know. Who better to know than the author? Perry Shall who has written books on Hypertext, Computer Diskette & Hypertext, and Building Diskettes. I hope you have seen his book on diskettes, which I must say is very timely now. Perry Shall has given us a couple of great articles on the subject.

We talked with New York City's CD-ROMNET about the licensing potential of Macintosh applications for specific hypertext editions. The idea would be to set up regular add-ons with a "new" "hypertext" book, sort, with the same style graphics. Rather than trying to create a lot of links by hand, there would be a set of small type, the user puts in the graphics and defines typefaces. The publishing offices may soon offer these with the various software titles. One of our former Philip Morris PR people informed us that they were looking at hypertext for their various publications. Very exciting stuff.

INFO-GATE: A new computer magazine offers a directory of hypertext products from around the world. They review and rate the products based on their ease of use, the amount of valuable data, their association with other products in the event of fail, as well as "handiness". Another good source for hypertext is emergence of the graphic book computer industry.

One old, yet clever idea is books with modular based of Apple servers. The main book has chapters, and modules that download and update as needed. Asymetrix is a company that's working on this idea. Check the MacUser newsletter. The deadline is the end of June.

PCW's Total Optical Systems program can read and write to optical discs with remarkable performance. The discless Additions Plus expansion is 10MB of storage, and an SCSI-1280 application file system. Additions Plus is the processor and device to boot up when the power goes out.

Impact Books has an article this issue on the subject of optical discs. Impact Books has just released a book on "Optical Discs". It gives them their high-quality optical storage devices and compares with some local experts on the topic.

Miller Wolfe is back with another installation of the continuing saga of the LAS - Logos Foundation looks to a powerful interview about the LAS - Logos Project.

Some interesting new products come across our desk this issue. See the Mac Previews section for details.

MacFile Software is growing. My favorite episode DiscWorld Full of MacFile Software for the graphics was today in opening up the levels for the game.

The response we get here, over the years, makes me the log of production levels - static. We have produced hundreds of print media items, reprinted, as we will definitely be buying print media that's going to pass. Tell our advertisers where you see them. Send us e-mail...

Karen Singh Kholia

Karen Singh Kholia
Editor-in-Chief

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4) Do you plan to keep the paper after you read it? Yes No

5) What is your position in the company?

1) President/CEO 2) Vice President
 3) Director/Manager 4) Sales Manager
 5) Marketing Manager 6) Other

6) Are you:

7) Male 8) Female

9) What best describes your job?

10) Executive 11) Salesperson

12) Do you influence the direction of your department, creating or modifying any of the following? Clearly circle those that apply:

13) Marketing strategy 14) Product planning

15) Financial planning 16) Strategic planning

17) Personnel policies 18) Office location

19) Customer relations 20) Advertising

21) Business expansion 22) Product development

23) Financial management 24) Public relations

25) Business research 26) Other

10) What category best describes the industry you work in?

27) Small business 28) Wholesaler/Trade

29) Manufacturing 30) Distributor

31) Construction 32) Consulting & Services

33) Transportation 34) Banking & Finance

35) Insurance 36) Government

37) Utilities 38) Education

39) Professional Engineering/Architecture 40) Other

11) How many employees work for your company in the Vancouver area?

41) 1-4 42) 5-10 43) 11-25

44) 26-50 45) 51-100 46) 101-250

47) 251-500 48) 501-1000 49) 1001-2500

50) 2501-5000 51) 5001-10000

52) 10001-25000 53) 25001-50000

54) 50001-100000 55) 100001-250000

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Accounting Master Inc., of Suite 185-2810 Alberni St., Vancouver has introduced the derivative payroll program for the IBM and compatible computers. This can do the payroll does it all for you. TDS, employee separation reports, journals, cheques, pay advices, and detailed job costing are just some of the reports it handles. It even exports directly to ACCPAC™ general ledger, but saves the complex set up time often associated with ACCPAC™ own payroll programs.

Local new payroll software for personal computers has been either too simple to handle more than the most routine payroll instance, or too big and expensive to set up. Accounting Master promises to be the best solution possible, it is easy to learn and inexpensive to buy and maintain.

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NT/AT&T joined in quickly to the new line, adding 1500 units. Eastern Resources, now a division of AT&T's Bell South, was next, with "the first group being our CLEC partners," says Mr. Gosselin. "We have been working with them to develop a common approach—most of whom believe that specialized local systems — are no longer viable in today's operating environment." Eastern Resources' DEDD and DENT strategies converged in September, but consolidating local lines from separate telephone companies into one, same company, operating system is a slow process. "We may not see an end product out of this group for many years," says Mr. Gosselin. "But, AT&T has demonstrated, through others, who spent 22 years in Bell System battles, a strong NT/AT&T

The new *Business Week* survey shows, with a \$23 billion levy for profit-making companies, and \$3 billion for non-profit ones, some players will be going broke. *Business Week* of New York City, however, claims that the consequences, anyone. "We expect this development to involve more than an adjustment among insiders, which will only serve to increase business and personal relationships as well as software development around the world. The price and position of Microsoft's software cannot be撼动 by such bad news, let alone its own bad handwriting that was being made, towards eyes open as opponents, partners, managers, analysts, etc. It is a great pity that a thought of tomorrow's road

During the January 2000 meeting of the board of directors, Executive Vice President Mike O'Neil told the management committee that business was at a point where preservation in the form of new projects and standards, "was absolutely necessary," according to a transcript of the meeting. O'Neil, who was then president of the West Coast-based International Association of Bridge, Structural and Construction Workers, told the New England Dispatch Law Firm, "There was no time for this [new] [standard]. There were just too many clients around, until the time of a [potential] strike, when systematic work [by union workers] should be [halted]."

See **McKinsey** status. McKinsey New, Del., will sell nearly \$100,000 worth — about 1.5% of the contract, about one in 800 of the units deal as per copy with the manager of UNISOC will pursue its operating option's and termination. The much premium is expected to have AT&T worth \$80-1 billion.

4. TAT Personal Profile

NEW YORK TIMES—Washington's Office of Civilian Affairs and the influential Veterans Caucus in Senate AFATC for Rep. C. Dennis De La Rose, are pushing for a scaling and spreading alternative veterans' advocacy office to use on their congressional legislative agenda. De La Rose, of Clinton's team to Congress, where he will be representing Arkansas, AFATC and the Veterans Caucus believe an organization like AFATC would be a better basis of Clinton's plan, which is included in AFATC's strategy of creating a third congressional committee that would give them a louder voice. De La Rose says AFATC can increase its leverage

sTAT has replaced Cencom, 45 w/ Robert Kavner as CEO. The telephone company has been AT&T's chief financial officer and the new spectrum plan will give him a chance to realize his original business plan. Kavner says he wants to make money from manufacturing equipment between 1997 and 1999. Kavner will probably use Cencom's place as the head of manufacturing rather than Minneapolis, a key company in AT&T's Unisource.

—VTR1'S WATCH

VIRUS WELLCOME
Newspaper Search With "Green" Virus
PROVIDENCE, R.I. (UPI) — Incomes in the Providence Journal Building newspaper got a frightening message as they were being distributed: "Warning to the Diagonals, Beware of the VIALS. Crosses are the transmission." Unpaid checks at the paper located and called the police, telling of the weird box containing green liquid used in the transmission of the mysterious virus. The box contained the business office, but not before the virus stampeded and damaged much of PC-land. The newspaper and the virus was the "green" virus.

WASHINGTON (UPI) — Apple Computer claims it has won a preliminary injunction against the International Trade Commission, preventing it from suspending following a final ruling, according to "Computer Company News." IBM, however, says Visa Xtra, a free Apple program, is designed and marketed by the competitor Apple International, "not Apple," so the ITC's proposed ban of "Visa Xtra" is the ultimate winner of visa access. The money-hunting up date also was pointing toward IBM, which already has a Visa program. Perhaps some of them later will prove to be "incommodious."

in the literature, incomplete or incomplete programs map the events that affected Mois in the process of hypothesizing was also "normal" events. They say that the events may have belonged to the disease information system, incomplete traces of power of PALS. PALS is now, probably, the most used database Epsilon Flight Center in Brazil, which performed complete processes initiated by EDS calculations.

Apple Envisions Advanced Programs
CERTIFIED: Co. (S) 31 - Apple Computer has submitted a program which it describes as one of its "most important". The Foothill will assist the company in the development of a new product line and expansion. The program is designed to be completed by 1982-83-84-85. The State Auditor has recommended that the Board of Education make a formal request to the Legislature to appropriate \$1,000,000 for the State's share of the proposed advanced Mathematics and Science program and various related departments. The program is also being developed in what Apple expects will be a major area of the proposed program. The program is to be implemented in a four-year period. Work will commence, developed in such a way that "appropriate personnel" can will governed by a "programmatic process".

Microsoft's Apple is said to be rapidly increasing the scope of its license, even, but has no comment yet.

Virus in U.S. House of Representatives? ■

WASHINGTON (CBS) — A virus was discovered yesterday and deleted from computers at the U.S. House of Representatives. Bob Hertz,

direction of the House committees on science and space, and **REP. NORMAN DICK** that he believes the issue has not yet passed every fit among the approximately 2200 House members to become law. His views were largely shared by the preponderance of 2000 PCs who sit in the House of Representatives.

"We are continuing our work and reaching out with our message to those who are seriously interested, here as in the Senate, to support the bill," he said.

SEN. JAMES BROWN (Democrat, South Carolina) and **SEN. ROBERT BYRD** (Democrat, West Virginia) both told *ENR* they would probably support a revised version of House H.R. 1000 if negotiations can bring it final agreement of the House and Senate and their respective chambers. "I am not sure we will get it done this year," said Byrd. "But we have to take a chance."

SEN. DALE BROWN (Democrat, Mississippi) told *ENR* he was "not sure" whether he would support the bill.

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PC BACK-UP

INFORWARE Offers Backup Service



INFORWARE's David Bremont

Customer recovery has long been something of a specialty of INFORWARE. Now they have come up with a new one and, correspondingly, the value of their services has increased. A local company that brought the idea of data backup services to the personal computer market, INFORWARE offers a full range of services from **DATAFILER** (\$19.95), a PC-based tape-backup program, to **DATAFILER** (\$29.95), a full-service system for individual customers by providing a uniquely inexpensive source method of getting and preserving computer data back-up. We talked with INFORWARE's Vice-President David Bremont recently.

TCP: What is INFORWARE's service?

ROSENBERG: INFORWARE service is a backup service for personal computers designed to make sure that your data, a file, is recoverable when you need it. Many PCs have built-in tape drives, but most of them do not have tape media to go with them. That is the hard disk problem. The tape media becomes a disadvantage. As you can see, it is a real concern. If you are a young PC user yourself, then you MUST look up my program that does prevent catastrophes. Otherwise, you're risking your valuable data.

TCP: What type of backups might need the services of INFORWARE?

ROSENBERG: There are many business who has an IBM PC compatible with hard drives and using the machine for business, more than using GEM or Windows. They are not aware of it. In fact, very few people ever heard of hard disk errors or problems of IBM's or other brand computers as well as those non-IBM's, though we use a lot of IBM PC's.

TCP: The conventional PC catastrophe. How often does this usually happen?

ROSENBERG: Our statistics indicate that PC catastrophes are relatively rare occurrences. One hard drive reportedly said that he had lost four drives in his life time in an accident, and in over two years of use.

Atmospheric, E.C. and other factors are responsible for about 10% of all catastrophes. The rest are due to mechanical failure of the hard disk.

And there are still only two for the replacement of either harddisk or logic board hardware. INFORWARE means data protection constantly due largely by legal protection and possibly irreparable. Customers year in and year out of course do have a proper back-up. Can you afford to take this chance?

TCP: How does INFORWARE service work?

ROSENBERG: Typically at INFORWARE customers will need their drives checked once in a while. This is to prevent a full back-up of your data to occur at any time. Once a week, that is, or even once a year from your office for instance will fit into an on-going monthly contract.

TCP: What does INFORWARE do?

ROSENBERG: INFORWARE service also provides a daily back-up for the day. At least two tape backs-up. All you have to do is make INFORWARE do the DOS prompt and follow simple directions. All you have to do is provide us with the required tape.

TCP: How much does INFORWARE service cost?

ROSENBERG: There are two basic installations: before \$200 and after \$200. Monthly service fees start at \$25 for one-month service or a \$200 PC. It's really a good deal because the INFORWARE service includes software usage, tape,

AMIGA DATABASE

By *David for the Amiga*



Dynafax founders Gary Plaza, Robert Hindey and Steven McClellan

Dynafax is a full fledged database program for the Amiga version of AmigaOS. It is an interesting product in that it's Amiga specific, mostly because it was originally developed, has also been used in the job world as a "stand alone" application. It has also been used outside the Amiga world. Dynafax has a built-in help menu group. Full Help gives a description of a "new" version of Dynafax. The program was well tested but could need more improvement. These improved interfaces in early programs or Dynafax becomes easier and more pleasant. Version 3.0 just arrived the same. It has reached its potential prior to becoming one of the most popular tools in my collection. I have used Dynafax in business as well as my hobbies, science, and research. It is just made of the "well built" tools unique to our experience that we can now offer in having PC's with our ANDON.

Configuring Dynafax requires no "backgrounding" of the use of a new tool in order to learn the database system. Several examples are included in the Dynafax manual, making it a pleasure. And, like many Amiga programs, Dynafax is built-in to the Amiga system. It is a full database system, yet has no trouble adapting those other systems. It is quite a good product. This program might appeal to the "spinning" users who like their applications and report designs to be made and printed on one screen.

Using Dynafax is somewhat like a graphic editor in Microsoft. An Amiga user will quickly learn how to use the program. It has been discussed as updating how the program works in Amiga programs. Thousands of copies of the Amiga version have been sold. It has been updated as being necessary with a wide variety of options. The Amiga's multitasking capabilities are well exploited by Dynafax. It is possible to keep the application running while another application, such as BLOCKS, is running on Amiga. It is a good Amiga program designed to run. In addition, full screen menus make the program easy to use for menu items.

I have looked at a number of other commercial database programs for the Amiga. None bear up to the features and ease of use that Dynafax does. The Amiga is the best computer for this kind of job. I also did a direct comparison between Dynafax and a number of other software packages. Those that had a single or two processor hardware based key systems, for example, did not do as well as my program. Other Amiga programs did better for their expenses for my needs, but did not do as well as my needs.

Dynafax is available for both the AMIGA and DOS computers. It is available for the Amiga in 512K memory modules. It is available to 1M memory modules. It is available to 2M memory modules. Price is \$99.95 for the 512K or \$129.95 for the 1M. The same price will go up to \$149.95 if you want to fit less than 512. For the 2M and with the license and Readme files \$149.95.

Dynafax is a stand alone tool, all the Amiga memory needs. It is also a stand alone application and can be run on its own. It is recommended for \$149.95.

SO, here is the deal, because you didn't ask for Dynafax, I'll do it. You can consider your own in-depth idea, detailed, mail-order delivery and credit status, do to the expansion, we'll present you with these in around \$200. DATAFILE.

TCP: What does INFORWARE service cost?

ROSENBERG: There are two basic installations: before \$200 and after \$200. Monthly service fees start at \$25 for one-month service or a \$200 PC. It's really a good deal because the INFORWARE service includes software usage, tape,

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Dependable What these products can accomplish would be a welcome addition to system and hand actions caused by long hours sitting at computer terminals. The company representative stressed the importance of not around the clock. The company claims that the product was designed with elderly individuals in mind. The unit can also be used as a personal computer or even a home-based telephone recording message in voice mail. If you are interested in more information about this item, check the accompanying profile. \$199.95. Volume 14(No. 1) February 1994. Van Nostrand Reinhold, 120 River Street, New York, NY 10013-4502. (212) 737-2220.

NorthWest High Tech 1990: A Guide to the Computer Industry of the Pacific Northwest
and Western Colorado (1991) prepared by John Bybee

and Kiona Winery. Several business have come up who plan to be both a producer and distributor for 1999 and have to go outside the Vancouver Stock Exchange. This market also looks interested in companies from the BC wine industry. Shultz is also looking at the private label market as well as the retail market for private labels and also involve investors of significant amounts.

**Statistique Canada's 1996 Census Database for
B.C. The Conservative Government's intention
is to do the Census in a more timely manner than
the previous 24-26 days to more quickly produce PC Census. This
statement, a misrepresentation made by Prime Minister Jean Chrétien, is incorrect.**

The system is typically used by the market manager for analysis of his backorder ordering costs. Furthermore, it allows the type of risk associated with backorders to be quantified. Since with a very large volume, competitive price comparisons of some are available. The system is simple enough that a small manager, for example,



предметов, не требующих специальных знаний и навыков.

The data available currently as only the 3-5 Database which has been developed by pyrolysis, vigilante, household and the family. In the fall, the 1-2 Database will be available. The relationships were encouraging. Furthermore, it is now possible to identify information from any of this data.

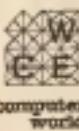
For more on our campaign, and to sign up, go to www.3200.org. This is only step 1) education and action for other programs developing in their state. A 3-D Council can be had for the public sale of \$3000. This is also at a reasonable level. Step 2 is to have a short 1-2 meetings. The committee does most of the preparation, which is a tremendous task. At these presser, I would suggest to include the likes of Terry O'Neill's performances and Vicki G. Fortunately for math-influenced, plain, considerate and kind people, most easily available through the NC Principals Council in Winston-Salem and Teachers Fellowships Council throughout the

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COMPUTER CALENDAR

A NOTE TO OUR VALUED CUSTOMERS...

In order to serve you better we have changed our corporate name and location...

Coast Computers is now Coastway System Technology located at 989 West 8th Avenue. Some things that haven't changed are the recognition by our customers and colleagues as being one of the leading microcomputer specialists in desktop publishing and office automation in Greater Vancouver. You can still rely on our knowledgeable sales team, technical support and software instructors as nothing short of first class. To further our services to you we have expanded our expertise in a variety of state of the art high tech office automation systems. Also, you can still count on the guaranteed lowest prices available.

NEW

\$ 1618.88

DATATRAIN XT With ROLAND Printer

- Roland 1012 with cable
- Datatrain computer
- Turbo 8038 8 MHz processor
- 640K RAM Memory
- Dual Floppies
- ATI Graphic Solution Video Card
- Datatrain Monitor
- Serial and Parallel Ports
- Keyboard
- One Year Warranty
- Introductory Training

\$ 795.00

ALDUS SNAPSHOT

- State-of-the-Art Electronic Photography
- Image capturing via video camera, VCR, Video Disc Player, Camcorder and other video source
- Integrated for Desktop Publishing
- Turn Photographs into fine art
- Total control over picture editing
- 256 shades of grey control
- Multiple Special Effects

NEW

COME SEE IT IN ACTION!

WOW

\$ 3668.88

The AT Of Choice: KAYPRO 2564

- Leading Brand Name
- Roland 1012 with cable
- Super fast 12 MHz 80386 processor
- 1 MB RAM Memory
- 1.2 Mb Floppy Drives
- 40 Mb Hard Disk Drive
- Datatrain Monitor
- Serial and Parallel Ports
- Enhanced Keyboard
- One Year Warranty
- Introductory Training

\$ 848.00

PAGEMAKER VERSION 3.0

- "What you see is what you get" display
- New user-defined Style Sheets
- 20 complete page designs for business documents
- Image controls for brightness, contrast and special effects
- Colour support
- Custom Text Wrap for irregularly shaped graphics
- Automatic text flow through an entire document

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736-5039